Aeronautics Educator Guide			
2007 Mathematics			
State Frameworks			
Mississippi Mathematics			
Grade 2			
Activity/Lesson	**State**	**Standards**	
Rotor Motor (69-75)	MS	MA.2.5.b	Create line graphs, bar graphs, and pictographs using real data.
Paper Bag Mask (23-28)	MS	MA.2.4.a	Select appropriate tools and units, estimate, and measure length (to the nearest inch, foot, yard, centimeter, and meter), capacity (to the nearest ounce, cup, pint, quart, gallon, and liter), and weight (to the nearest ounce, pound, gram, and kilogram).
Wind in Your Socks) (29-35)	MS	MA.2.4.a	Select appropriate tools and units, estimate, and measure length (to the nearest inch, foot, yard, centimeter, and meter), capacity (to the nearest ounce, cup, pint, quart, gallon, and liter), and weight (to the nearest ounce, pound, gram, and kilogram).
Aeronautics Educator Guide			
2007 Mathematics			
State Frameworks			
Mississippi Mathematics			
Grade 3			
Activity/Lesson	**State**	**Standards**	
Flight: Interdisciplinary Learning Activities (76-79)	MS	MA.3.5.a	Compare data and interpret quantities represented on tables and different types of graphs (line plots, pictographs, and bar graphs), make predictions, and solve problems based on the information.
Paper Bag Mask (23-28)	MS	MA.3.4.c	Measure capacity, weight/mass, and length in both English and metric systems of measurement.
Paper Bag Mask (23-28)	MS	MA.3.5.b	Analyze, predict, and model the number of different combinations of two or more objects and relate to multiplication.
Wind in Your Socks) (29-35)	MS	MA.3.4.b	Estimate and measure length using fractional parts to the nearest ½ inch in the English system.
Wind in Your Socks) (29-35)	MS	MA.3.4.c	Measure capacity, weight/mass, and length in both English and metric systems of measurement.
Right Flight (52-59)	MS	MA.3.5.a	Compare data and interpret quantities represented on tables and different types of graphs (line plots, pictographs, and bar graphs), make predictions, and solve problems based on the information.

Delta Wing Glider (60-68)	MS	MA.3.5.a	Compare data and interpret quantities represented on tables and different types of graphs (line plots, pictographs, and bar graphs), make predictions, and solve problems based on the information.
Aeronautics Educator Guide			
2007 Mathematics			
State Frameworks			
Mississippi Mathematics			
Grade 4			
Activity/Lesson	**State**	**Standards**	
Rotor Motor (69-75)	MS	MA.4.5.a	Draw, label, and interpret bar graphs, line graphs, and stem-and-leaf plots.
Rotor Motor (69-75)	MS	MA.4.5.c	Compare data and interpret quantities represented on tables and graphs including line graphs, bar graphs, frequency tables, and stem-and-leaf plots to make predictions and solve problems based on the information.
Flight: Interdisciplinary Learning Activities (76-79)	MS	MA.4.5.a	Draw, label, and interpret bar graphs, line graphs, and stem-and-leaf plots.
Flight: Interdisciplinary Learning Activities (76-79)	MS	MA.4.5.c	Compare data and interpret quantities represented on tables and graphs including line graphs, bar graphs, frequency tables, and stem-and-leaf plots to make predictions and solve problems based on the information.
We Can Fly, You and I: Interdisciplinary Learning (107-108)	MS	MA.4.4.d	Use appropriate tools to determine, estimate, and compare units for measurement of weight/mass, area, size of angle, temperature, length, distance, and volume in English and metric systems and time in real-life situations.
We Can Fly, You and I: Interdisciplinary Learning (107-108)	MS	MA.4.5.a	Draw, label, and interpret bar graphs, line graphs, and stem-and-leaf plots.
Paper Bag Mask (23-28)	MS	MA.4.4.d	Use appropriate tools to determine, estimate, and compare units for measurement of weight/mass, area, size of angle, temperature, length, distance, and volume in English and metric systems and time in real-life situations.
Wind in Your Socks) (29-35)	MS	MA.4.4.b	Convert capacity, weight/mass, and length within the English and metric systems of measurement.